229-D2 36383

Calculus Computer Lab
Dr Matthew Sunderland

1. Synchronous lecture Friday 10:10–12:05
   https://zoom.us/meeting/register/tJYudO6sqjooHNegs0PYh2HgKUWkXYf7T06G
2. Online problem sets (labs) due Sundays (9 days after each lecture)
   https://bbhosted.cuny.edu
3. Written assignments due some Sundays on
   https://www.gradescope.com course code M8PW4X
4. Reading assignments due each night before lecture
   https://www.perusall.com course code SUNDERLAND-GK4L9
5. MATLAB is required. Go to https://www.mathworks.com/login?form_type=tah_portal&uri=https%3A%2F%2Fwww.mathworks.com%2Flicensecenter%2Ftotal_headcount%2F14317-60551-55097-39870-91449%3Fs_tid%3Dtah_po_start_cuny click "No account? Create one!" and use your CSI email
6. Office hours [as of 8/3] Mon 5p–6p, Thu 11a–12p, Fri 2p–3p
   https://zoom.us/my/mattsunderland
7. Announcements, Lecture Recordings, and Grades posted on
   https://bbhosted.cuny.edu
8. Platform for administering exams TBD,
   possibly Blackboard, Gradescope, WeBWorK, Respondus, or Proctortrack
9. Tutoring available at
   https://www.csi.cuny.edu/students/academic-assistance/tutoring

Day 1 Homework

1. Download Zoom and create free account
2. Do Online Problem Set 1 (Lab 1) by Sunday 9/6
3. Submit Written Assignment 1 by Sunday 8/30—see last two pages of syllabus
4. Do first reading assignment (Lab 2) and make 1 comment by Thursday 9/3
5. Download and install MATLAB on your computer.
6. Do office hour survey https://forms.gle/RRf74atLQkR3kg5DA

Course Grade = Average of
- Coursework
  1. Lecture participation
  2. Online problem sets
  3. Written assignments
  4. Reading assignments
- Exam 1
- Exam 2
- Final

Lecture Recording Statement *Students who participate in this class with their camera on or use a profile image are agreeing to have their video or image recorded solely for the purpose of creating a record for students enrolled in the class to refer to, including those enrolled students who are unable to attend live. If you are unwilling to consent to have your profile or video image recorded, be sure to keep your camera off and do not use a profile image. Likewise, students who un-mute during class and participate orally are agreeing to have their voices recorded. If you are not willing to consent to have your voice recorded during class, you will need to keep your mute button activated and communicate exclusively using the "chat" feature, which allows students to type questions and comments live.*

Deadlines Add 9/1 Drop 9/15 Withdraw 11/6

Topics Reading due - Lecture date - Problem set due

A.	Lab 1. Using Matlab as a Calculator	- 8.28 - 9.6
B.	Lab 2. Plotting Graphs	9.3 - 9.4 - 9.13
C.	Lab 3. More on Graphs	9.10 - 9.11 - 9.27
D.	Lab 4. Graphical Solutions to Equations	9.24 - 9.25 - 10.4
E.	Lab 5. Investigating Limits	10.8 - 10.9 - 10.18
F.	Lab 6. Approximate 1st & 2nd Derivatives	10.15 - 10.16 - 10.25
G.	Lab 7. Critical and Inflection Points	10.22 - 10.23 - 11.1
H.	Lab 8. Newton's Method	11.5 - 11.6 - 11.15
I.	Lab 9. Optimization	11.12 - 11.13 - 11.22
J.	Lab 10. Definite Integrals & Riemann Sums	11.19 - 11.20 - 11.29

Lecture Schedule

Mon	Tue	Wed	Thu	Fri	
				8.28	A
				9.4	B
				9.11	C
				9.25	D
				10.2	exam
				10.9	E
				10.16	F
				10.23	G
				10.30	exam
				11.6	H
				11.13	I
				11.20	J
		11.25	review		
				12.4	review

Written Assignment 1

Name _____ EMPLID _____

Course _____ Date _____

Directions: Upload your completed assignment to Gradescope as a PDF. For full credit, each page of your submission must be right side up and the pages must be in the correct order. If Gradescope asks you to match questions to pages, do so. Many students find it easier to type/annotate directly onto the PDF on the computer; other students prefer to print out the assignment, handwrite their answers, and then use a scanning app to get the completed assignment back onto the computer. If you scan, make sure you scan as a single PDF (with two pages) and make sure you scan as a document, not a picture (completely white background between text).

Question 1.

Is this your first math course at CSI? If not, what math course did you take before this?

Question 2.

What is your preferred email address?

Question 3.

Are you taking this course to satisfy a requirement? Some other reason?

Question 4.

Is there some grade in this course that you will strive to make?